

# Surface Streets Screening Tables

## Particulate Matter less than 2.5 microns ( $\mu\text{g}/\text{m}^3$ ) Generated from Roadways

**How to use the screening tables:**

- Distance is from the edge of the nearest highway travel lane to the facility or development
- When two or more highways are within the influence area, sum the contribution from each freeway

<b>NORTH-SOUTH DIRECTIONAL ROADWAY</b>					
Average Annual Daily Traffic	Distance East or West of Roadway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1,000	No analysis required				
5,000	No analysis required				
10,000	0.057	0.040	0.019	0.012	0.0083
20,000	0.11	0.080	0.037	0.025	0.017
30,000	0.17	0.12	0.056	0.037	0.025
40,000	0.23	0.16	0.074	0.050	0.033
50,000	0.29	0.20	0.093	0.062	0.041
60,000	0.34	0.24	0.11	0.075	0.050
70,000	0.40	0.28	0.13	0.087	0.058
80,000	0.46	0.32	0.15	0.099	0.066
90,000	0.51	0.36	0.17	0.11	0.075
100,000	0.57	0.40	0.19	0.12	0.083

<b>EAST-WEST DIRECTIONAL ROADWAY</b>					
Average Annual Daily Traffic	Distance North or South of Roadway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1,000	No analysis required				
5,000	No analysis required				
10,000	0.10	0.033	0.013	0.0090	0.0066
20,000	0.20	0.066	0.025	0.018	0.013
30,000	0.30	0.10	0.038	0.027	0.020
40,000	0.40	0.13	0.050	0.036	0.026
50,000	0.50	0.16	0.063	0.045	0.033
60,000	0.60	0.20	0.075	0.054	0.039
70,000	0.70	0.23	0.088	0.063	0.046
80,000	0.80	0.26	0.10	0.072	0.053
90,000	0.90	0.30	0.11	0.081	0.059
100,000	1.00	0.33	0.13	0.090	0.066

- Screening tables based on meteorological data collected from the Livermore Laboratory in 2005.

# Surface Streets Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### LIFETIME EXCESS CANCER RISK

NORTH-SOUTH DIRECTIONAL ROADWAY						EAST-WEST DIRECTIONAL ROADWAY					
Annual Average Daily Traffic	Distance East or West of freeway - Cancer Risk ( $1 \times 10^6$ )					Annual Average Daily Traffic	Distance North or South of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet		100 feet	200 feet	500 feet	700 feet	1,000 feet
1,000	No analysis required					1,000	No analysis required				
5,000						5,000					
10,000	7.5	3.9	0.041	0.031	0.020	10,000	7.6	0.09	0.031	0.023	0.014
20,000	15	7.7	0.082	0.06	0.041	20,000	15	0.17	0.06	0.05	0.03
30,000	22	12	0.12	0.09	0.061	30,000	23	0.26	0.09	0.07	0.04
40,000	30	15	0.16	0.12	0.081	40,000	30	0.34	0.12	0.09	0.06
50,000	37	19	0.21	0.15	0.10	50,000	38	0.43	0.15	0.12	0.07
60,000	45	23	0.25	0.18	0.12	60,000	46	0.51	0.18	0.14	0.08
70,000	52	27	0.29	0.21	0.14	70,000	53	0.60	0.21	0.16	0.10
80,000	60	31	0.33	0.24	0.16	80,000	61	0.69	0.24	0.18	0.11
90,000	67	35	0.37	0.27	0.18	90,000	68	0.77	0.27	0.21	0.13
100,000	75	39	0.41	0.31	0.20	100,000	76	0.86	0.31	0.23	0.14

### NONCANCER CHRONIC HAZARD INDEX

NORTH-SOUTH DIRECTIONAL ROADWAY						EAST-WEST DIRECTIONAL ROADWAY					
Annual Average Daily Traffic	Distance East or West of freeway - Chronic Noncancer Hazard					Annual Average Daily Traffic	Distance North or South of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet		100 feet	200 feet	500 feet	700 feet	1,000 feet
1,000	No analysis required					1,000	No analysis required				
5,000						5,000					
10,000	0.049	0.025	0.0	0.0	0.0	10,000	0.049	0.0	0.0	0.0	0.0
20,000	0.10	0.050	0.0	0.0	0.0	20,000	0.098	0.0	0.0	0.0	0.0
30,000	0.15	0.075	0.0	0.0	0.0	30,000	0.15	0.0	0.0	0.0	0.0
40,000	0.20	0.10	0.0	0.0	0.0	40,000	0.20	0.0	0.0	0.0	0.0
50,000	0.24	0.12	0.0	0.0	0.0	50,000	0.24	0.0	0.0	0.0	0.0
60,000	0.29	0.15	0.0	0.0	0.0	60,000	0.29	0.0	0.0	0.0	0.0
70,000	0.34	0.17	0.0	0.0	0.0	70,000	0.34	0.0	0.0	0.0	0.0
80,000	0.39	0.20	0.0	0.0	0.0	80,000	0.39	0.0	0.0	0.0	0.0
90,000	0.44	0.22	0.0	0.0	0.0	90,000	0.44	0.0	0.0	0.0	0.0
100,000	0.49	0.25	0.0	0.0	0.0	100,000	0.49	0.0	0.0	0.0	0.0

- Screening tables based on meteorological data collected from the Livermore Laboratory in 2005.

# Surface Streets Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

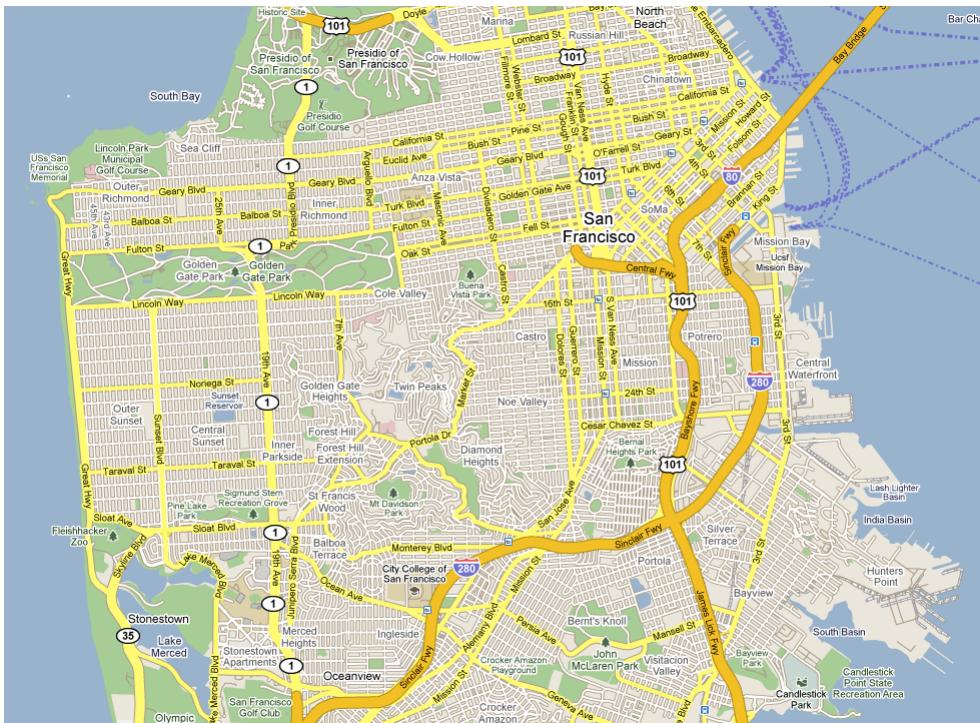
### NONCANCER ACUTE HAZARD INDEX

NORTH-SOUTH DIRECTIONAL ROADWAY						EAST-WEST DIRECTIONAL ROADWAY							
Annual Average Daily Traffic	Distance East or West of freeway - Acute 1 Hour Noncancer Hazard					Annual Average Daily Traffic	Distance North or South of freeway - Acute 1 Hour Noncancer Hazard						
	100 feet	200 feet	500 feet	700 feet	1,000 feet		100 feet	200 feet	500 feet	700 feet	1,000 feet		
1,000	No analysis required						1,000	No analysis required					
5,000							5,000						
10,000	0.067	0.034	0.0	0.0	0.0	10,000	0.067	0.0	0.0	0.0	0.0		
20,000	0.13	0.069	0.0	0.0	0.0	20,000	0.13	0.0	0.0	0.0	0.0		
30,000	0.20	0.10	0.0	0.0	0.0	30,000	0.20	0.0	0.0	0.0	0.0		
40,000	0.27	0.14	0.0	0.0	0.0	40,000	0.27	0.0	0.0	0.0	0.0		
50,000	0.34	0.17	0.0	0.0	0.0	50,000	0.34	0.0	0.0	0.0	0.0		
60,000	0.40	0.21	0.0	0.0	0.0	60,000	0.40	0.0	0.0	0.0	0.0		
70,000	0.47	0.24	0.0	0.0	0.0	70,000	0.47	0.0	0.0	0.0	0.0		
80,000	0.54	0.27	0.0	0.0	0.0	80,000	0.54	0.0	0.0	0.0	0.0		
90,000	0.61	0.31	0.0	0.0	0.0	90,000	0.61	0.0	0.0	0.0	0.0		
100,000	0.67	0.34	0.0	0.0	0.0	100,000	0.67	0.0	0.0	0.0	0.0		

- Screening tables based on meteorological data collected from the Livermore Laboratory in 2005.

# San Francisco County Screening Tables

## Particulate Matter less than 2.5 microns ( $\mu\text{g}/\text{m}^3$ ) Generated from Roadways



San Francisco County State Highways			
Highway Number	Average Daily 2-Way Traffic Volumes (vehicles/day)	Start Location	End Location
1	122,000	Alemany Boulevard	Presidio, South Highway 1 onto Golden Gate Bridge
35	31,000	John Muir Drive	Highway 1, Sloat Boulevard at 19th Avenue
80	254,000	Highway 101 at Division Street	Bay Bridge at Treasure Island, Yerba Buena Island
101	245,000	Third Street	Van Ness Avenue to Highway 1 at Golden Gate Bridge
280	195,000	Alemany Boulevard, San Jose Avenue	Mariposa Street to 4th Street and Brannan Street

### How to use the screening tables:

- Distance is from the edge of the nearest highway travel lane to the facility or development
- When two or more highways are within the influence area, sum the contribution from each freeway

NORTH OR SOUTH OF SAN FRANCISCO COUNTY HIGHWAY					
Highway	Distance North or South of freeway - PM <sub>2.5</sub> Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.42	0.22	0.082	0.066	0.033
35	0.14	0.068	0.020	0.016	0.0
80	0.98	0.44	0.16	0.11	0.084
101	1.8	0.78	0.22	0.12	0.08
280	0.76	0.40	0.14	0.086	0.060

EAST OR WEST OF SAN FRANCISCO COUNTY HIGHWAY					
Highway	Distance East or West of freeway - PM <sub>2.5</sub> Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.59	0.33	0.14	0.11	0.070
35	0.14	0.11	0.032	0.020	0.016
80	1.2	0.79	0.37	0.25	0.18
101	1.2	0.81	0.38	0.29	0.19
280	0.80	0.60	0.28	0.19	0.13

\* Screening tables based on meteorological data collected from the San Francisco Sewage Treatment Plant in 2005.

# San Francisco County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### LIFETIME EXCESS CANCER RISK

NORTH OR SOUTH OF SAN FRANCISCO COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	23	0.56	0.23	0.18	0.15
35	0.21	0.11	0.044	0.035	0.023
80	103	62	0.61	0.42	0.28
101	90	56	10	0.68	0.45
280	57	26	0.39	0.28	0.18

EAST OR WEST OF SAN FRANCISCO COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	47	6.7	0.41	0.33	0.25
35	0.20	0.16	0.07	0.06	0.05
80	97	52	1.3	0.89	0.67
101	86	59	2.0	1.6	1.2
280	53	28	0.78	0.59	0.45

### NONCANCER CHRONIC HAZARD INDEX

NORTH OR SOUTH OF SAN FRANCISCO COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.16	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0
80	0.70	0.43	0.0	0.0	0.0
101	0.60	0.38	0.060	0.0	0.0
280	0.39	0.18	0.0	0.0	0.0

EAST OR WEST OF SAN FRANCISCO COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.33	0.04	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0
80	0.66	0.35	0.0	0.0	0.0
101	0.56	0.39	0.0	0.0	0.0
280	0.36	0.19	0.0	0.0	0.0

### NONCANCER ACUTE HAZARD INDEX

NORTH OR SOUTH OF SAN FRANCISCO COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.22	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0
80	0.98	0.60	0.0	0.0	0.0
101	0.83	0.52	0.08	0.0	0.0
280	0.55	0.25	0.0	0.0	0.0

EAST OR WEST OF SAN FRANCISCO COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.45	0.06	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0
80	0.91	0.49	0.0	0.0	0.0
101	0.78	0.54	0.0	0.0	0.0
280	0.50	0.26	0.0	0.0	0.0

\* Screening tables based on meteorological data collected from the San Francisco Sewage Treatment Plant in 2005.

# Contra Costa County Screening Tables

## Particulate Matter less than 2.5 microns ( $\mu\text{g}/\text{m}^3$ ) Generated from Roadways



Note: \* Approximate location of Highway 123 shown, actual road is not drawn on map.

Contra Costa County State Highways			
Highway Number	Average Daily 2-Way Traffic Volumes (vehicles/day)	Start Location	End Location
4	159,000	Hercules, Highway 80	Antioch, Highway 160
24	189,000	Fish Ranch Road (Claremont Avenue)	Walnut Creek, Highway 680
80	215,000	Richmond, Central Avenue	City of Crockett
123 (San Pablo Avenue)	34,500	El Cerrito, Carlson Boulevard	Richmond, Highway 80
160	14,900	Highway 4 East	Wilbur Avenue
242	123,000	Concord, Highway 4 at Arnold Industrial Road	
580	94,000	Richmond, Central Avenue	Richmond, Richmond-San Rafael Bridge
680	266,000	San Ramon, Alcosta Boulevard	Martinez-Benicia Bridge

### How to use the screening tables:

- Distance is from the edge of the nearest highway travel lane to the facility or development
- When two or more highways are within the influence area, sum the contribution from each freeway

NORTH OR SOUTH OF CONTRA COSTA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
4	0.88	0.53	0.26	0.19	0.14
24	1.2	0.66	0.32	0.24	0.16
80	0.87	0.58	0.27	0.20	0.16
123	0.18	0.096	0.046	0.036	0.0024
160	0.12	0.034	0.0040	0.0	0.0
242	0.64	0.36	0.18	0.14	0.080
580	0.40	0.28	0.11	0.086	0.060
680	1.4	0.84	0.40	0.34	0.24

EAST OR WEST OF CONTRA COSTA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
4	1.5	0.88	0.40	0.29	0.17
24	2.0	1.4	0.44	0.32	0.19
80	1.02	0.58	0.21	0.15	0.085
123*	0.24	0.094	0.028	0.0080	0.0
160	0.24	0.040	0.013	0.0	0.0
242	1.0	0.64	0.26	0.17	0.12
580	0.50	0.36	0.084	0.064	0.036
680	2.0	1.4	0.76	0.38	0.24

- Screening tables based on meteorological data collected from Concord in 2005 for Highways 4, 24, 242, 160, and 680 and Chevron Refinery in 2005 for Highways 80, 123, and 580.

# Contra Costa County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### LIFETIME EXCESS CANCER RISK

NORTH OR SOUTH OF CONTRA COSTA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
4	322	171	97	67	52
24	174	99	36	27	21
80	210	141	43	36	24
123	13	5.0	0.0	0.0	0.0
160	49	18	10	8.8	7.5
242	155	84	31	24	19
580	81	49	21	14	11
680	306	232	94	69	50

EAST OR WEST OF CONTRA COSTA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
4	488	306	124	90	54
24	257	181	45	31	22
80	218	127	29	21	13
123	30	5.0	0.0	0.0	0.0
160	107	26	11	8.17	3.1
242	226	107	43	25	19
580	97	69	21	13	11
680	494	364	126	94	52

### NONCANCER CHRONIC HAZARD INDEX

NORTH OR SOUTH OF CONTRA COSTA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
4	0.44	0.040	0.0	0.0	0.0
24	0.40	0.22	0.0	0.0	0.0
80	0.49	0.31	0.0	0.0	0.0
123	0.0	0.0	0.0	0.0	0.0
160	0.0	0.0	0.0	0.0	0.0
242	0.40	0.18	0.0	0.0	0.0
580	0.22	0.073	0.0	0.0	0.0
680	0.40	0.37	0.0	0.0	0.0

EAST OR WEST OF CONTRA COSTA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
4	0.44	0.32	0.0	0.0	0.0
24	0.37	0.23	0.0	0.0	0.0
80	0.49	0.27	0.0	0.0	0.0
123	0.10	0.0	0.0	0.0	0.0
160	0.0	0.0	0.0	0.0	0.0
242	0.18	0.0	0.0	0.0	0.0
580	0.26	0.15	0.0	0.0	0.0
680	0.40	0.37	0.0	0.0	0.0

### NONCANCER ACUTE HAZARD INDEX

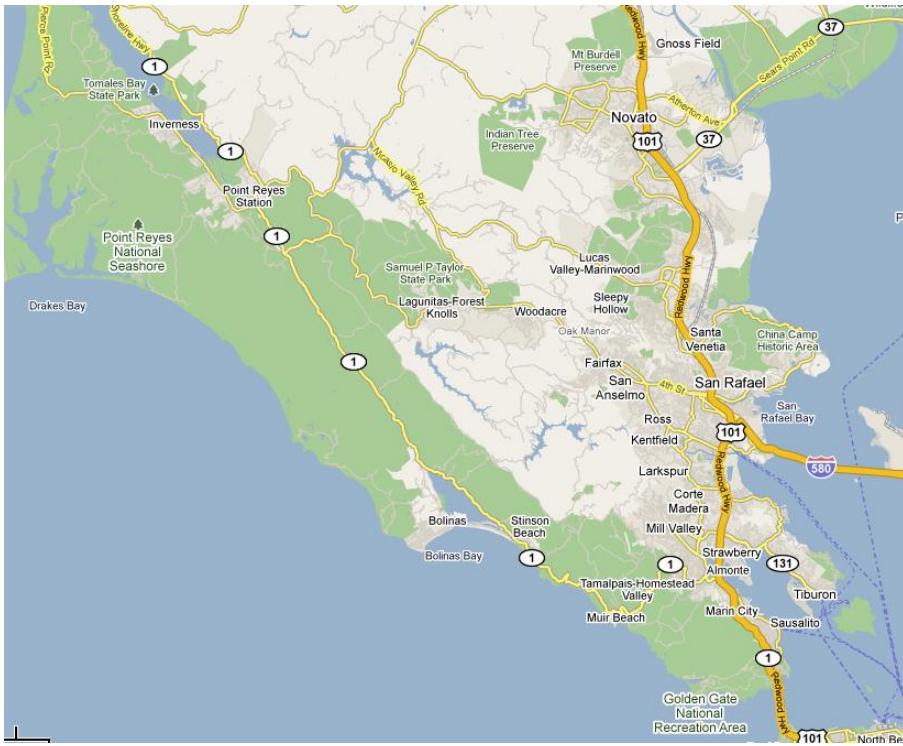
NORTH OR SOUTH OF CONTRA COSTA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
4	0.62	0.056	0.0	0.0	0.0
24	0.56	0.31	0.0	0.0	0.0
80	0.68	0.43	0.0	0.0	0.0
123	0.0	0.0	0.0	0.0	0.0
160	0.0	0.0	0.0	0.0	0.0
242	0.56	0.26	0.0	0.0	0.0
580	0.31	0.10	0.0	0.0	0.0
680	0.56	0.51	0.0	0.0	0.0

EAST OR WEST OF CONTRA COSTA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
4	0.62	0.45	0.0	0.0	0.0
24	0.51	0.32	0.0	0.0	0.0
80	0.68	0.37	0.0	0.0	0.0
123	0.14	0.0	0.0	0.0	0.0
160	0.0	0.0	0.0	0.0	0.0
242	0.26	0.0	0.0	0.0	0.0
580	0.36	0.21	0.0	0.0	0.0
680	0.56	0.51	0.005	0.0	0.0

- Screening tables based on meteorological data collected from Concord in 2005 for Highways 4, 24, 242, 160, and 680 and Chevron Refinery in 2005 for Highways 80, 123, and 580.
- October 2010

# Marin County Screening Tables

## Particulate Matter less than 2.5 microns ( $\mu\text{g}/\text{m}^3$ ) Generated from Roadways



Marin County State Highways			
Highway Number	Average Daily 2-Way Traffic Volumes (vehicles/day)	Start Location	End Location
1 (Panoramic Highway)	6,300	Highway 101	Tomales, Two Rock Road
37	37,000	Novato, Highway 101	Novato, Petaluma Creek
101	187,000	Golden Gate Bridge	Novato, Atherton Avenue
131	34,000	Highway 101	Tiburon, Marin Street East
580	72,000	Richmond-San Rafael Bridge	San Rafael, Highway 101

**How to use the screening tables:**

- Distance is from the edge of the nearest highway travel lane to the facility or development
- When two or more highways are within the influence area, sum the contribution from each freeway

NORTH OR SOUTH OF MARIN COUNTY HIGHWAY					
Highway	Distance North or South of freeway - PM <sub>2.5</sub> Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.0	0.0	0.0	0.0	0.0
37	0.084	0.048	0.0	0.0	0.0
101	0.4	0.24	0.10	0.070	0.046
131	0.068	0.030	0.0	0.0	0.0
580	0.12	0.074	0.018	0.0	0.0

EAST OR WEST OF MARIN COUNTY HIGHWAY					
Highway	Distance East or West of freeway - PM <sub>2.5</sub> Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.0	0.0	0.0	0.0	0.0
37	0.092	0.056	0.0	0.0	0.0
101	0.40	0.24	0.092	0.066	0.040
131	0.11	0.030	0.0	0.0	0.0
580	0.12	0.066	0.024	0.0040	0.0

- Screening tables based on meteorological data collected from Mount Tamalpais in 2005.

# Marin County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### LIFETIME EXCESS CANCER RISK

NORTH OR SOUTH OF MARIN COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.062	0.037	0.015	0.012	0.0062
37	10	0.26	0.12	0.10	0.062
101	55	50	0.74	0.49	0.34
131	21	2.1	0.080	0.056	0.041
580	8.4	0.87	0.35	0.26	0.18

EAST OR WEST OF MARIN COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.068	0.037	0.017	0.011	0.0093
37	0.49	0.34	0.12	0.087	0.059
101	60	54	20	0.41	0.28
131	0.43	0.19	0.062	0.042	0.029
580	11	0.87	0.30	0.22	0.15

### NONCANCER CHRONIC HAZARD INDEX

NORTH OR SOUTH OF MARIN COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.0	0.0	0.0	0.0	0.0
37	0.070	0.0	0.0	0.0	0.0
101	0.39	0.35	0.0	0.0	0.0
131	0.15	0.014	0.0	0.0	0.0
580	0.053	0.0	0.0	0.0	0.0

EAST OR WEST OF MARIN COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0
101	0.42	0.39	0.14	0.0	0.0
131	0.0	0.0	0.0	0.0	0.0
580	0.070	0.0	0.0	0.0	0.0

### NONCANCER ACUTE HAZARD INDEX

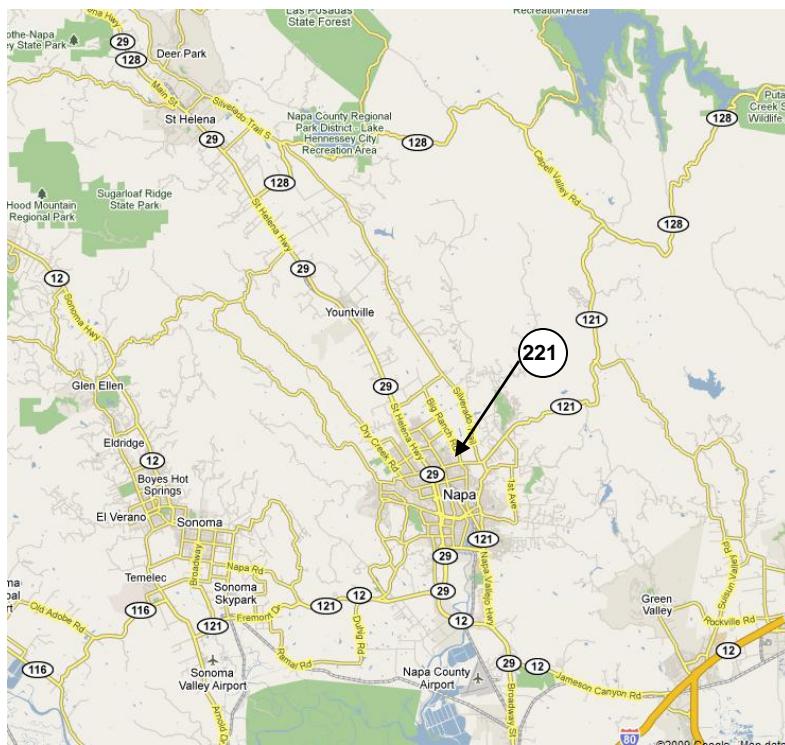
NORTH OR SOUTH OF MARIN COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.0	0.0	0.0	0.0	0.0
37	0.098	0.0	0.0	0.0	0.0
101	0.54	0.49	0.0	0.0	0.0
131	0.21	0.020	0.0	0.0	0.0
580	0.073	0.0	0.0	0.0	0.0

EAST OR WEST OF MARIN COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0
101	0.59	0.54	0.20	0.0	0.0
131	0.0	0.0	0.0	0.0	0.0
580	0.098	0.0	0.0	0.0	0.0

- Screening tables based on meteorological data collected from Mount Tamalpais in 2005.

# Napa County Screening Tables

## Particulate Matter less than 2.5 microns ( $\mu\text{g}/\text{m}^3$ ) Generated from Roadways



Napa County State Highways			
Highway Number	Average Daily 2-Way Traffic Volumes (vehicles/day)	Start Location	End Location
12	32,500	Napa, Highway 29	Napa, Kelly Road
29	60,000	American Canyon Road	Calistoga, Tubbs Lane
121	32,500	Napa, Duhig Road	Highway 128
128	12,400	Calistoga, Tubbs Lane	Moskowitzes Corners, Highway 121 South
221	35,500	Highway 29	Napa, Highway 121

### How to use the screening tables:

- Distance is from the edge of the nearest highway travel lane to the facility or development
- When two or more highways are within the influence area, sum the contribution from each freeway

NORTH OR SOUTH OF NAPA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.041	0.032	0.0	0.0	0.0
29	0.096	0.064	0.034	0.030	0.024
121	0.040	0.0034	0.0016	0.0	0.0
128	0.026	0.0	0.0	0.0	0.0
221	0.084	0.034	0.020	0.0	0.0

EAST OR WEST OF NAPA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.041	0.027	0.0	0.0	0.0
29	0.12	0.084	0.012	0.0	0.0
121	0.11	0.018	0.0	0.0	0.0
128	0.064	0.00040	0.0	0.0	0.0
221	0.080	0.034	0.0040	0.0	0.0

- Screening tables based on meteorological data collected from Napa Sewage Treatment Plant in 2001.

# Napa County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### LIFETIME EXCESS CANCER RISK

NORTH OR SOUTH OF NAPA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.31	0.24	0.13	0.10	0.078
29	16	0.40	0.23	0.19	0.13
121	12	0.20	0.10	0.083	0.060
128	0.97	0.36	0.18	0.13	0.10
221	11	0.24	0.12	0.10	0.076

EAST OR WEST OF NAPA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.41	0.27	0.11	0.069	0.043
29	0.90	0.68	0.21	0.14	0.10
121	16	0.25	0.090	0.058	0.037
128	1.7	0.42	0.14	0.10	0.062
221	14	0.26	0.11	0.069	0.043

### NONCANCER CHRONIC HAZARD INDEX

NORTH OR SOUTH OF NAPA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.0	0.0	0.0	0.0	0.0
29	0.1	0.0	0.0	0.0	0.0
121	0.09	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0
221	0.08	0.0	0.0	0.0	0.0

EAST OR WEST OF NAPA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0
121	0.12	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0
221	0.10	0.0	0.0	0.0	0.0

### NONCANCER ACUTE HAZARD INDEX

NORTH OR SOUTH OF NAPA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.0	0.0	0.0	0.0	0.0
29	0.2	0.0	0.0	0.0	0.0
121	0.12	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0
221	0.11	0.0	0.0	0.0	0.0

EAST OR WEST OF NAPA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0
121	0.16	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0
221	0.14	0.0	0.0	0.0	0.0

- Screening tables based on meteorological data collected from Napa Sewage Treatment Plant in 2001.

# San Mateo County Screening Tables

## Particulate Matter less than 2.5 microns ( $\mu\text{g}/\text{m}^3$ ) Generated from Roadways



San Mateo County State Highways			
Highway Number	Average Daily 2-Way Traffic Volumes (vehicles/day)	Start Location	End Location
1	65,000	Pebble Beach Road to Pescadero	Daly City, North Highway 280
35	32,500	Alpine/Page Mill Roads	Daly City, John Daly Boulevard
82 (El Camino Real)	49,000	Menlo Park, Santa Cruz Avenue	Daly City, Mission Street
84	60,000	Highway 1, West San Gregorio	Menlo Park, Dumbarton Bridge
92	144,000	Half Moon Bay, Highway 1	San Mateo-Hayward Bridge
101	254,000	Menlo Park, University Avenue	Brisbane, Candlestick Park
109	23,800	Menlo Park, Notre Dame Avenue	Menlo Park, Highway 84, Dumbarton Bridge
114	42,000	Menlo Park, Highway 101	East Palo Alto, Highway 84
280	220,000	Sand Hill Road	Daly City, North Highway 1
380	145,000	San Bruno, Highway 280	South San Francisco, Highway 101

### How to use the screening tables:

- Distance is from the edge of the nearest highway travel lane to the facility or development
- When two or more highways are within the influence area, sum the contribution from each freeway

NORTH OR SOUTH OF SAN MATEO COUNTY HIGHWAY					
Highway	Distance North or South of freeway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.36	0.24	0.10	0.084	0.060
35	0.020	0.0	0.0	0.0	0.0
82	0.28	0.14	0.066	0.050	0.034
84	0.36	0.22	0.10	0.074	0.048
92	1.2	0.36	0.17	0.12	0.086
101	1.6	0.88	0.42	0.32	0.21
109	0.16	0.10	0.040	0.034	0.028
114	0.30	0.14	0.060	0.040	0.032
280	1.0	0.76	0.32	0.26	0.17
380	0.36	0.30	0.20	0.15	0.11

EAST OR WEST OF SAN MATEO COUNTY HIGHWAY					
Highway	Distance East or West of freeway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.60	0.34	0.15	0.11	0.076
35	0.10	0.012	0.0	0.0	0.0
82	0.48	0.20	0.080	0.056	0.036
84	0.56	0.34	0.12	0.10	0.068
92	1.2	0.38	0.17	0.13	0.10
101	1.9	1.2	0.56	0.42	0.28
109	0.30	0.18	0.050	0.030	0.019
114	0.30	0.20	0.080	0.044	0.034
280	1.8	1.0	0.44	0.32	0.22
380	0.48	0.42	0.26	0.19	0.14

# San Mateo County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### LIFETIME EXCESS CANCER RISK

NORTH OR SOUTH OF SAN MATEO COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	3.0	2.0	0.98	0.69	0.47
35	0.39	0.20	0.11	0.090	0.066
82	19	0.56	0.29	0.24	0.17
84	11	1.4	0.48	0.44	0.28
92	90	43	1.2	0.98	0.62
101	96	62	2.3	1.7	1.2
109	0.53	0.36	0.26	0.21	0.18
114	15	0.98	0.41	0.30	0.24
280	63	34	0.90	0.62	0.45
380	26	1.4	0.62	0.50	0.40

EAST OR WEST OF SAN MATEO COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	18	2.6	1.3	0.90	0.62
35	0.39	0.30	0.14	0.13	0.12
82	20	0.69	0.36	0.29	0.24
84	18	1.35	0.62	0.45	0.33
92	70	38	1.7	1.3	0.98
101	97	63	2.9	2.0	1.5
109	0.75	0.54	0.26	0.21	0.17
114	1.7	1.2	0.53	0.40	0.29
280	80	63.3	1.2	0.75	0.56
380	11	1.1	0.71	0.55	0.41

### NONCANCER CHRONIC HAZARD INDEX

NORTH OR SOUTH OF SAN MATEO COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0
82	0.14	0.0	0.0	0.0	0.0
84	0.069	0.0	0.0	0.0	0.0
92	0.62	0.31	0.0	0.0	0.0
101	0.67	0.44	0.0	0.0	0.0
109	0.0	0.0	0.0	0.0	0.0
114	0.10	0.0	0.0	0.0	0.0
280	0.46	0.24	0.0	0.0	0.0
380	0.19	0.0039	0.0	0.0	0.0

EAST OR WEST OF SAN MATEO COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.10	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0
82	0.14	0.0	0.0	0.0	0.0
84	0.12	0.0	0.0	0.0	0.0
92	0.46	0.26	0.0	0.0	0.0
101	0.67	0.44	0.0	0.0	0.0
109	0.0	0.0	0.0	0.0	0.0
114	0.0	0.0	0.0	0.0	0.0
280	0.58	0.5	0.0	0.0	0.0
380	0.077	0.0	0.0	0.0	0.0

- Screening tables based on meteorological data collected from San Mateo Sewage Treatment Plant in 2005.

# San Mateo County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### NONCANCER ACUTE HAZARD INDEX

NORTH OR SOUTH OF SAN MATEO COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0
82	0.19	0.0	0.0	0.0	0.0
84	0.10	0.0	0.0	0.0	0.0
92	0.87	0.43	0.0	0.0	0.0
101	0.94	0.62	0.0	0.0	0.0
109	0.0	0.0	0.0	0.0	0.0
114	0.15	0.0	0.0	0.0	0.0
280	0.65	0.34	0.0	0.0	0.0
380	0.27	0.0054	0.0	0.0	0.0

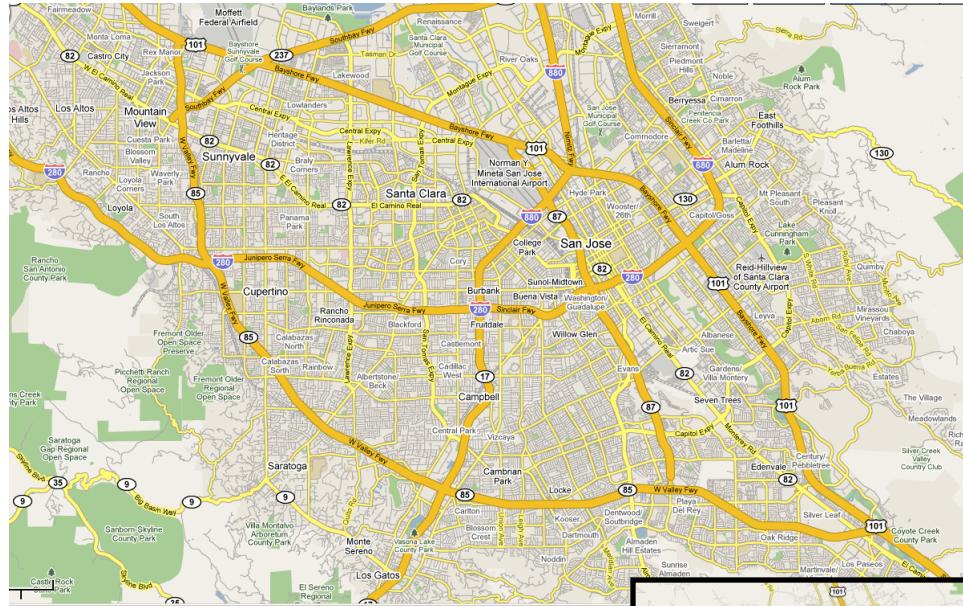
EAST OR WEST OF SAN MATEO COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.15	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0
82	0.20	0.0	0.0	0.0	0.0
84	0.16	0.0	0.0	0.0	0.0
92	0.65	0.37	0.0	0.0	0.0
101	0.94	0.62	0.0	0.0	0.0
109	0.0	0.0	0.0	0.0	0.0
114	0.0	0.0	0.0	0.0	0.0
280	0.81	0.6	0.0	0.0	0.0
380	0.11	0.0	0.0	0.0	0.0

- Screening tables based on meteorological data collected from San Mateo Sewage Treatment Plant in 2005.

# Santa Clara County Screening Tables

## Particulate Matter less than 2.5 microns ( $\mu\text{g}/\text{m}^3$ ) Generated from Roadways

Santa Clara County State Highways			
Highway Number	Average Daily 2-Way Traffic Volumes (vehicles/day)	Start Location	End Location
9	35,000	Saratoga Gap, Highway 35	Los Gatos, Highway 17
17	189,000	Highway 35 Northwest	Highway 280 and 880
35	1,050	Black Road near Santa Cruz	Saratoga Gap, Highway 9
82 (El Camino Real)	59,000	San Jose, Highway 101	Palo Alto, University Avenue
85	142,000	San Jose, Highway 101	Mountain View, Highway 101
87	140,000	San Jose, Highway 85,	San Jose, Highway 101
101	233,000	Highway 25 East	Embarcadero Road/Oregon Avenue
130	36,500	San Jose, Highway 101	Mount Hamilton
152	32,000	Watsonville Road	Casa De Fruta
156	12,600	Fairview Road	Highway 152
237	152,000	Highway 82, El Camino Real	Milipitas, Highway 680
280	255,000	Highway 101 and 680	Alpine Road
680	221,000	Highway 101 and 280	Milipitas, Jacklin Road
880	176,000	Stevens Creek Boulevard	Milipitas, Dixon Road



Close up map of Highways 152 and 156 near Gilroy in southern portion of Santa Clara County



Highway	NORTH OR SOUTH OF SANTA CLARA COUNTY HIGHWAY				
	Distance North or South of freeway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
9	0.22	0.13	0.030	0.020	0.016
17	1.1	0.76	0.40	0.30	0.20
35	0.0	0.0	0.0	0.0	0.0
82	0.52	0.30	0.11	0.068	0.030
85	1.12	0.68	0.34	0.28	0.19
87	1.0	0.64	0.34	0.26	0.17
101	1.6	1.1	0.53	0.38	0.29
130	0.30	0.17	0.076	0.060	0.040
152	0.20	0.13	0.060	0.040	0.020
156	0.060	0.034	0.0020	0.0	0.0
237	0.70	0.56	0.30	0.22	0.15
280	2.4	1.5	0.74	0.56	0.38
680	1.6	0.96	0.52	0.38	0.30
880	1.2	0.74	0.41	0.31	0.22

Highway	EAST OR WEST OF SAN CLARA COUNTY HIGHWAY				
	Distance East or West of freeway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
9	0.24	0.13	0.044	0.030	0.002
17	2.0	1.0	0.4	0.26	0.16
35	0.0	0.0	0.0	0.0	0.0
82	0.60	0.40	0.14	0.080	0.060
85	1.3	0.96	0.32	0.19	0.14
87	1.2	0.76	0.36	0.26	0.16
101	2.0	1.2	0.53	0.38	0.22
130	0.40	0.18	0.080	0.060	0.040
152	0.28	0.12	0.040	0.030	0.020
156	0.056	0.038	0.002	0.0	0.0
237	1.7	0.76	0.34	0.24	0.14
280	2.5	1.6	0.74	0.52	0.34
680	2.8	1.6	0.56	0.36	0.26
880	1.44	0.96	0.41	0.24	0.16

- Screening tables based on meteorological data collected from San Martin in 2005 for Highways 152 and 156 and San Jose Airport data from 1997 for remaining highways.

### How to use the screening tables:

- Distance is from the center of the highway to the facility or development
- When two or more highways are within the influence area, sum the contribution from each freeway

# Santa Clara County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### LIFETIME EXCESS CANCER RISK

NORTH OR SOUTH OF SANTA CLARA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
9	17	10	0.0	0.0	0.0
17	247	169	57	43	34
35	0.0	0.0	0.0	0.0	0.0
82	96	44	19	15	10
85	230	82	26	18	11
87	164	105	33	26	19
101	440	346	146	107	82
130	126	62	30	22	15
152	108	74	41	33	23
156	22.7	11	7.9	4.0	0.0
237	218	149	45	38	27
280	388	249	142	91	45
680	286	187	74	50	38
880	258	159	63	49	36

EAST OR WEST OF SANTA CLARA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
9	40	10	4.3	0.0	0.0
17	325	215	74	50	31
35	0.0	0.0	0.0	0.0	0.0
82	127	52	23	18	11
85	160	118	31	21	16
87	186	123	39	27	20
101	712	412	196	107	76
130	163	91	33	22	18
152	154	85	33	24	15
156	17	15	4.0	0.0	0.0
237	365	204	62	41	26
280	422	287	156	111	49
680	488	292	90	54	38
880	289	180	66	41	32

### NONCANCER CHRONIC HAZARD INDEX

NORTH OR SOUTH OF SANTA CLARA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
9	0.0	0.0	0.0	0.0	0.0
17	0.48	0.41	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0
82	0.16	0.0	0.0	0.0	0.0
85	1.0	0.24	0.0	0.0	0.0
87	0.41	0.27	0.0	0.0	0.0
101	0.45	0.42	0.057	0.0	0.0
130	0.09	0.0	0.0	0.0	0.0
152	0.0	0.0	0.0	0.0	0.0
156	0.0	0.0	0.0	0.0	0.0
237	0.48	0.30	0.0	0.0	0.0
280	0.68	0.41	0.38	0.17	0.0
680	0.48	0.38	0.0	0.0	0.0
880	0.49	0.32	0.0	0.0	0.0

EAST OR WEST OF SANTA CLARA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
9	0.11	0.0	0.0	0.0	0.0
17	0.51	0.41	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0
82	0.10	0.0	0.0	0.0	0.0
85	0.34	0.24	0.0	0.0	0.0
87	0.41	0.24	0.0	0.0	0.0
101	0.61	0.53	0.19	0.0	0.0
130	0.15	0.003	0.0	0.0	0.0
152	0.092	0.0	0.0	0.0	0.0
156	0.0	0.0	0.0	0.0	0.0
237	0.51	0.38	0.0	0.0	0.0
280	0.60	0.44	0.39	0.27	0.0
680	0.75	0.48	0.034	0.0	0.0
880	0.32	0.12	0.0	0.0	0.0

- Screening tables based on meteorological data collected from San Martin in 2005 for Highways 152 and 156 and San Jose Airport data from 1997 for remaining highways.

# Santa Clara County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### NONCANCER ACUTE HAZARD INDEX

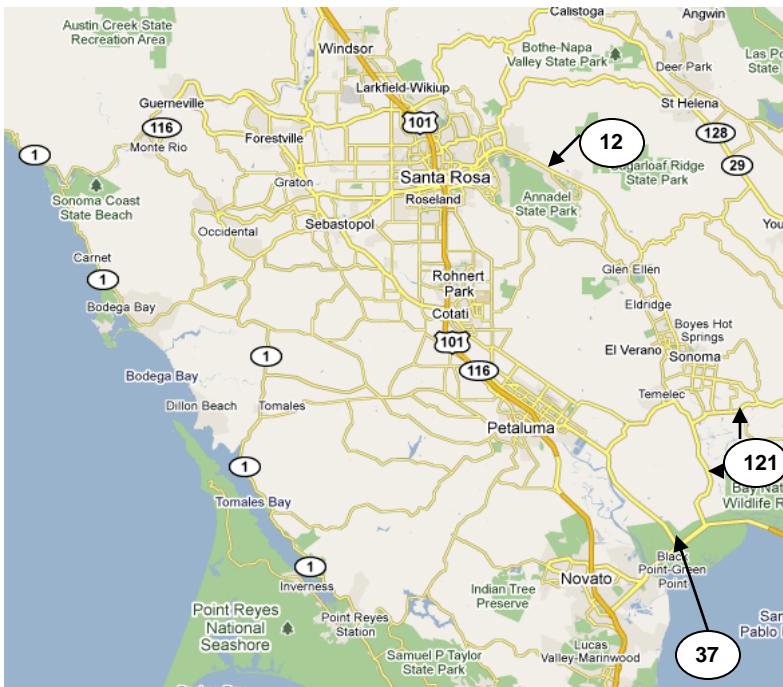
Highway	NORTH OR SOUTH OF SANTA CLARA COUNTY HIGHWAY				
	Distance North or South of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
9	0.0	0.0	0.0	0.0	0.0
17	0.67	0.57	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0
82	0.23	0.0	0.0	0.0	0.0
85	1.4	0.33	0.0	0.0	0.0
87	0.57	0.38	0.0	0.0	0.0
101	0.63	0.58	0.079	0.0	0.0
130	0.12	0.0	0.0	0.0	0.0
152	0.0	0.0	0.0	0.0	0.0
156	0.0	0.0	0.0	0.0	0.0
237	0.67	0.42	0.0	0.0	0.0
280	0.95	0.57	0.52	0.24	0.0
680	0.67	0.52	0.0	0.0	0.0
880	0.69	0.45	0.0	0.0	0.0

Highway	EAST OR WEST OF SANTA CLARA COUNTY HIGHWAY				
	Distance East or West of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
9	0.15	0.0	0.0	0.0	0.0
17	0.71	0.57	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0
82	0.14	0.0	0.0	0.0	0.0
85	0.48	0.33	0.0	0.0	0.0
87	0.57	0.33	0.0	0.0	0.0
101	0.85	0.74	0.26	0.0	0.0
130	0.21	0.005	0.0	0.0	0.0
152	0.13	0.0	0.0	0.0	0.0
156	0.0	0.0	0.0	0.0	0.0
237	0.71	0.52	0.0	0.0	0.0
280	0.83	0.62	0.55	0.38	0.0
680	1.0	0.67	0.048	0.0	0.0
880	0.45	0.17	0.0	0.0	0.0

- Screening tables based on meteorological data collected from San Martin in 2005 for Highways 152 and 156 and San Jose Airport data from 1997 for remaining highways.

# Sonoma County Screening Tables

## Particulate Matter less than 2.5 microns ( $\mu\text{g}/\text{m}^3$ ) Generated from Roadways



Sonoma County State Highways			
Highway Number	Average Daily 2-Way Traffic Volumes (vehicles/day)	Start Location	End Location
1	6,100	Petaluma-Valley Ford Road	Stewards Point-Skaggs Springs Road
12	78,000	Sebastopol, Highway 116, Main Street	Sonoma, Highway 121 South
37	86,000	Lakeville Road	Highway 121 North
101	128,000	Petaluma, Highway 116 East, Petaluma-Sonoma Highway	Highway 128 West
116	4,700	Jenner, Highway 1	Schellville, Highway 121 West
121	21,500	Highway 37	Napa Road
128	5,000	Highway 101 North	Kellogg, Franz Valley Road

### How to use the screening tables:

- Distance is from the edge of the nearest highway travel lane to the facility or development
- When two or more highways are within the influence area, sum the contribution from each freeway

NORTH OR SOUTH OF SONOMA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - PM <sub>2.5</sub> Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.032	0.011	0.0	0.0	0.0
12	0.24	0.12	0.064	0.050	0.036
37	0.40	0.26	0.11	0.086	0.040
101	0.40	0.26	0.11	0.092	0.068
116	0.020	0.0	0.0	0.0	0.0
121	0.12	0.040	0.020	0.0	0.0
128	0.020	0.0	0.0	0.0	0.0

Highway	Distance East or West of freeway - PM <sub>2.5</sub> Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.036	0.024	0.0	0.0	0.0
12	0.36	0.28	0.10	0.074	0.040
37	0.46	0.32	0.15	0.11	0.076
101	1.0	0.56	0.24	0.15	0.10
116	0.020	0.013	0.0	0.0	0.0
121	0.14	0.070	0.026	0.012	0.0
128	0.048	0.0020	0.0	0.0	0.0

• Screening tables based on meteorological data collected from Santa Rosa in 2005 for Highways 1, 12, 101, and 128 and Petaluma Airport data from 1997 for Highways 37, 116, and 121.

# Sonoma County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### LIFETIME EXCESS CANCER RISK

NORTH OR SOUTH OF SONOMA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.30	0.22	0.12	0.11	0.090
12	3.0	2.2	1.1	1.0	0.78
37	4.8	3.1	1.7	1.2	0.81
101	26	6.0	2.3	1.8	1.2
116	0.31	0.22	0.11	0.10	0.072
121	0.90	0.53	0.28	0.22	0.18
128	0.54	0.29	0.11	0.11	0.090

EAST OR WEST OF SONOMA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.59	0.35	0.20	0.16	0.11
12	3.3	2.5	0.96	0.59	0.42
37	6.0	3.5	1.9	1.3	1.1
101	12	6.0	2.9	2.5	2.3
116	0.3	0.24	0.084	0.049	0.044
121	1.1	0.54	0.27	0.23	0.17
128	0.66	0.24	0.14	0.11	0.090

### NONCANCER CHRONIC HAZARD INDEX

NORTH OR SOUTH OF SONOMA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0
101	0.12	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0

EAST OR WEST OF SONOMA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0
101	0.010	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0

### NONCANCER ACUTE HAZARD INDEX

NORTH OR SOUTH OF SONOMA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0
101	0.16	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0

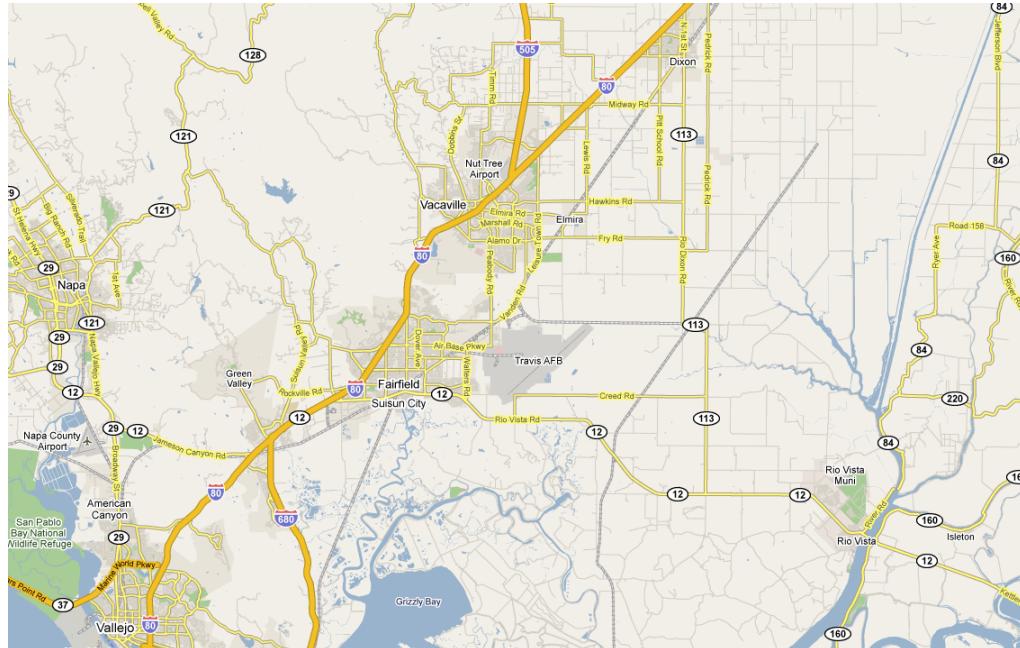
EAST OR WEST OF SONOMA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
1	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0
101	0.014	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0

• Screening tables based on meteorological data collected from Santa Rosa in 2005 for Highways 1, 12, 101, and 128 and Petaluma Airport data from 1997 for Highways 37, 116, and 121.

# Solano County Screening Tables

## Particulate Matter less than 2.5 microns ( $\mu\text{g}/\text{m}^3$ ) Generated from Roadways

Solano County State Highways			
Highway Number	Average Daily 2-Way Traffic Volumes (vehicles/day)	Start Location	End Location
12	49,500	Highway 80 West	Rio Vista, Highway 84 North
29	35,000	Vallejo, Highway 80	Vallejo, Mini Drive
37	86,000	Vallejo, Walnut Avenue, Mare Island	Highway 80
80	213,000	Carquinez Bridge, Vallejo, Highway 29 Northwest	Vallejo, Highway 37 West
84	3,000	Rio Vista, Highway 12	Miner Slough Bridge/Ryer Road
113	41,000	Highway 12 Moskowitzes	Highway 80 East
128	2,600	Corners, Highway 121 South	Yolo County Line
220	260	Highway 84	J-Mac Ferry (Steamboat Slough Ferry)
505	34,500	Vacaville, Highway 80	Vacaville, Allendale Road
680	100,000	Martinez-Benicia Bridge, Benicia, Highway 780 Northwest	Cordelia Wye, Highway 80
780	64,000	Benicia, Highway 680	Highway 80



### How to use the screening tables:

- Distance is from the edge of the nearest highway travel lane to the facility or development
- When two or more highways are within the influence area, sum the contribution from each freeway

NORTH OR SOUTH OF SOLANO COUNTY HIGHWAY					
Highway	Distance North or South of freeway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.28	0.17	0.094	0.070	0.046
29	0.30	0.14	0.066	0.056	0.038
37	0.80	0.36	0.17	0.12	0.088
80	1.8	0.91	0.41	0.32	0.20
84	0.076	0.016	0.0	0.0	0.0
113	0.48	0.32	0.12	0.094	0.074
128	0.036	0.030	0.0030	0.0	0.0
220	0.0	0.0	0.0	0.0	0.0
505	0.40	0.17	0.078	0.066	0.046
680	0.76	0.40	0.19	0.13	0.094
780	0.48	0.28	0.12	0.094	0.074

Highway	EAST OR WEST OF SOLANO COUNTY HIGHWAY				
	Distance East or West of freeway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
Highway	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.44	0.32	0.13	0.094	0.066
29	0.32	0.26	0.10	0.074	0.044
37	0.96	0.68	0.34	0.26	0.18
80	3.0	2.1	0.84	0.64	0.46
84	0.026	0.016	0.0	0.0	0.0
113	0.68	0.48	0.26	0.18	0.13
128	0.050	0.036	0.0060	0.0	0.0
220	0.0	0.0	0.0	0.0	0.0
505	0.44	0.34	0.14	0.10	0.066
680	1.2	0.76	0.36	0.30	0.20
780	0.76	0.50	0.26	0.17	0.11

• Screening tables based on meteorological data collected from Suisun Sewage Treatment Plant in 2005.

October 2010

# Solano County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### LIFETIME EXCESS CANCER RISK

NORTH OR SOUTH OF SOLANO COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	130	79	40	31	23
29	60	29	16	12	8.3
37	246	111	60	39	29
80	392	206	74	53	39
84	17	7.4	3.8	3.5	3.1
113	214	100	46	35	25
128	9.7	7.9	5.6	5.1	4.6
220	3.1	3.1	3.0	2.9	2.8
505	106	43	19	15	11
680	196	116	28	22	16
780	127	50	19	15	10

EAST OR WEST OF SOLANO COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	164	125	69	46	36
29	65	51	24	18	15
37	279	185	93	79	60
80	509	311	137	100	79
84	12	4.6	4.5	4.1	3.9
113	270	180	88	69	46
128	16	12	6.9	6.0	5.6
220	2.2	2.1	2.0	1.9	1.9
505	116	79	33	27	19
680	165	93	51	37	27
780	113	65	27	20	17

### NONCANCER CHRONIC HAZARD INDEX

NORTH OR SOUTH OF SOLANO COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0
37	0.17	0.0	0.0	0.0	0.0
80	0.54	0.45	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0	0.0
113	0.21	0.022	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0
220	0.0	0.0	0.0	0.0	0.0
505	0.098	0.0	0.0	0.0	0.0
680	0.25	0.036	0.0	0.0	0.0
780	0.25	0.087	0.0	0.0	0.0

EAST OR WEST OF SOLANO COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.014	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0
37	0.072	0.0	0.0	0.0	0.0
80	0.62	0.41	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0	0.0
113	0.206	0.029	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0
220	0.0	0.0	0.0	0.0	0.0
505	0.0	0.0	0.0	0.0	0.0
680	0.12	0.0	0.0	0.0	0.0
780	0.14	0.0	0.0	0.0	0.0

- Screening tables based on meteorological data collected from Suisun Sewage Treatment Plant in 2005.

# Solano County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### NONCANCER ACUTE HAZARD INDEX

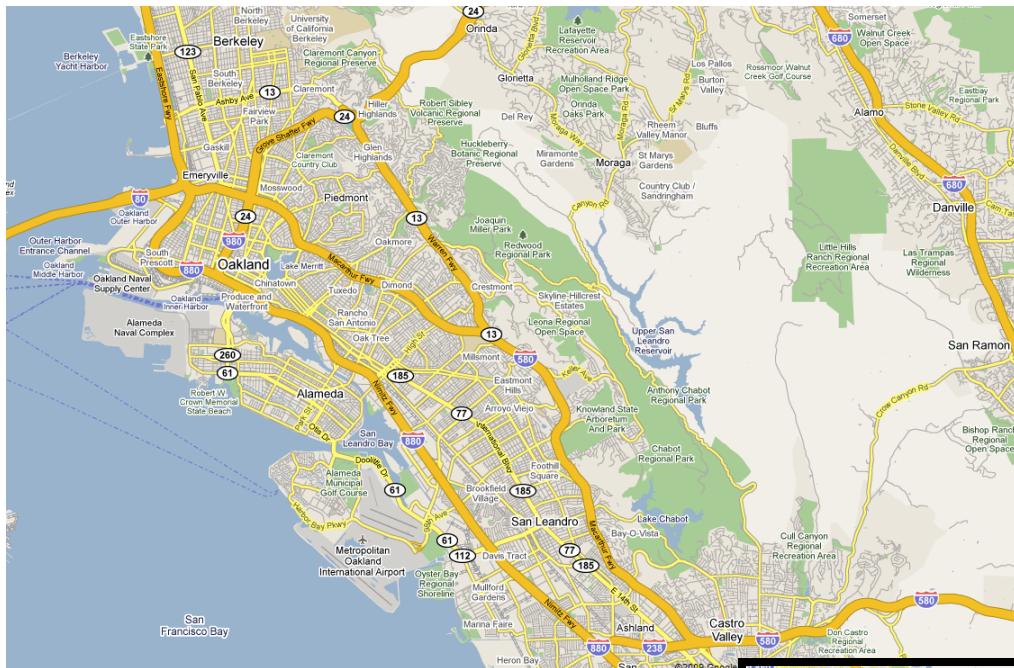
NORTH OR SOUTH OF SOLANO COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0
37	0.24	0.0	0.0	0.0	0.0
80	0.75	0.63	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0	0.0
113	0.29	0.030	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0
220	0.0	0.0	0.0	0.0	0.0
505	0.14	0.0	0.0	0.0	0.0
680	0.34	0.050	0.0	0.0	0.0
780	0.34	0.12	0.0	0.0	0.0

EAST OR WEST OF SOLANO COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
12	0.020	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0
37	0.10	0.0	0.0	0.0	0.0
80	0.86	0.57	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0	0.0
113	0.29	0.040	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0
220	0.0	0.0	0.0	0.0	0.0
505	0.0	0.0	0.0	0.0	0.0
680	0.17	0.0	0.0	0.0	0.0
780	0.20	0.0	0.0	0.0	0.0

- Screening tables based on meteorological data collected from Suisun Sewage Treatment Plant in 2005.

# Alameda County Screening Tables

## Particulate Matter less than 2.5 microns ( $\mu\text{g}/\text{m}^3$ ) Generated from Roadways

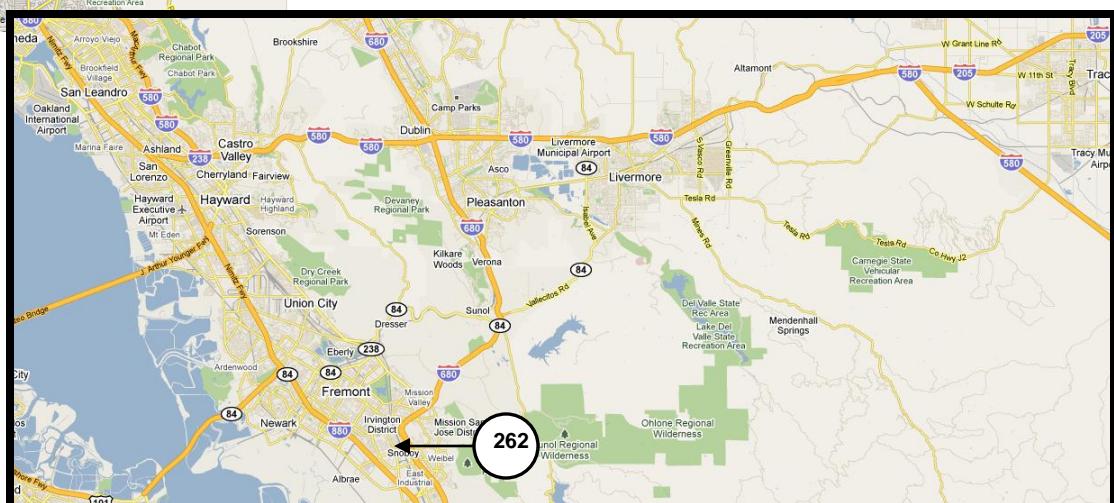


← **Northern Alameda County includes:**

- Highway 13 (Ashby Avenue)
- Highway 24
- Highway 61
- Highway 77
- Highway 80
- Highway 123 (San Pablo Avenue)
- Highway 185 (International Blvd and East 14<sup>th</sup> Street)
- Highway 238
- Highway 260
- Highway 580
- Highway 680
- Highway 880
- Highway 980

→ **Southern Alameda County includes:**

- Highway 84 (Dumbarton Bridge)
- Highway 92 (San Mateo-Hayward Bridge)
- Highway 205
- Highway 238
- Highway 262



# Alameda County Screening Tables

## Particulate Matter less than 2.5 microns ( $\mu\text{g}/\text{m}^3$ ) Generated from Roadways

### How to use the screening tables:

- Distance is from the edge of the nearest highway travel lane to the facility or development
- When two or more highways are within the influence area, sum the contribution from each freeway

Alameda County State Highways			
Highway Number	Average Daily 2-Way Traffic Volumes (vehicles/day)	Start Location	End Location
13 (Ashby Avenue)	74,000	Oakland, Highway 580	Berkeley, Highway 80
24	158,000	Oakland, Highways 580 and 980	Caldecott Tunnel
61	27,000	San Leandro, Highway 112	Alameda, Highway 260 North (Central Avenue/Webster Street)
77	20,000	Oakland, Highway 880	Oakland, East 14th Street
80	294,000	San Francisco - Oakland Bay Bridge Toll Plaza	Albany, Highway 580, Buchanan Street
84	74,000	Fremont, Dumbarton Bridge Toll Plaza	Highway 580
92	109,000	Hayward, San Mateo-Hayward Bridge Toll Plaza	Hayward, Highway 185 and 238, Mission Boulevard
123 (San Pablo Avenue)	30,500	Oakland, Highway 580	Albany, Solano Avenue
185 (International Boulevard and East 14th Street)	27,500	Hayward, Highways 92 and 238, Jackson Street/Foothill Boulevard	Oakland, High and 12th Streets
205	112,000	Highway 580	San Joaquin County Line
238	131,000	Fremont, Highway 680, Mission Boulevard	San Leandro, Highway 880, Nimitz Freeway
260	56,000	Alameda, Atlantic Avenue	Alameda Posey Tube to Oakland, Highway 880
262	90,000	Fremont, Highway 880	Fremont, Highway 680
580	218,000	Highway 205 East	Albany, Highway 80 North
680	266,000	Fremont, Scott Creek Road	Pleasanton, Highway 580
880	264,000	Fremont, Highway 262 East	Oakland, Highway 80 West
980	97,000	Oakland, Highway 880	Oakland, Highway 580

NORTH OR SOUTH OF ALAMEDA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
13	0.40	0.28	0.13	0.10	0.074
24	0.90	0.60	0.28	0.20	0.14
61	0.20	0.11	0.056	0.038	0.032
77	0.070	0.051	0.026	0.0022	0.0
80	0.85	0.73	0.44	0.31	0.23
84	0.34	0.30	0.17	0.12	0.080
92	0.50	0.42	0.26	0.18	0.12
123	0.24	0.14	0.070	0.057	0.040
185	0.19	0.11	0.056	0.038	0.032
205	0.90	0.54	0.27	0.17	0.094
238	1.5	0.62	0.30	0.18	0.12
260	0.43	0.15	0.066	0.049	0.035
262	0.87	0.41	0.19	0.13	0.087
580	0.80	0.60	0.32	0.22	0.16
680	2.0	0.90	0.40	0.30	0.19
880	0.94	0.75	0.40	0.33	0.21
980	0.59	0.40	0.17	0.13	0.084

EAST OR WEST OF ALAMEDA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - PM2.5 Concentrations ( $\mu\text{g}/\text{m}^3$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
13	0.76	0.44	0.20	0.16	0.11
24	1.6	1.2	0.44	0.34	0.22
61	0.30	0.17	0.068	0.036	0.026
77	0.055	0.044	0.018	0.0	0.0
80	1.09	1.02	0.73	0.58	0.41
84	0.34	0.30	0.20	0.15	0.11
92	0.50	0.44	0.30	0.22	0.16
123	0.33	0.22	0.088	0.066	0.040
185	0.38	0.24	0.060	0.036	0.030
205	1.01	0.67	0.29	0.20	0.14
238	1.5	0.62	0.30	0.23	0.15
260	0.32	0.21	0.063	0.046	0.029
262	1.10	0.46	0.21	0.17	0.11
580	1.1	0.96	0.58	0.44	0.34
680	2.8	2.0	0.76	0.56	0.38
880	1.05	0.98	0.66	0.47	0.37
980	0.92	0.66	0.29	0.19	0.13

• Screening tables based on meteorological data collected from Oakland Sewage Treatment Plant in 2000 (Highways 13, 24, 61, 77, 80, 123, 185, 260, 880, and 980), Pleasanton in 2005 (Highways 580 and 680), Union City in 1996 (Highway 84, 92, 238, and 262), and Livermore Laboratory in 2005 (Highway 205).

# Alameda County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### LIFETIME EXCESS CANCER RISK

NORTH OR SOUTH OF ALAMEDA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
13	30	11	6.8	0.0	0.0
24	115	65	19	12	9.4
61	40	9.4	4.2	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0
80	165	146	55	34	30
84	46	31	17	12	5.2
92	99	73	41	31	20
123	14	10	3.4	0.0	0.0
185	42	21	10	8.4	6.3
205	123	105	56	42	28
238	105	40	17	12	11
260	55	13	1.7	0.0	0.0
262	147	79	32	22	17
580	318	256	105	84	52
680	523	285	128	73	49
880	298	239	110	61	53
980	211	61	27	18	16

EAST OR WEST OF ALAMEDA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Cancer Risk ( $1 \times 10^6$ )				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
13	51	16	4.2	0.0	0.0
24	152	108	30	16	10
61	32	14	6.8	1.6	0.0
77	0.0	0.0	0.0	0.0	0.0
80	190	172	85	56	44
84	47	30	17	12	8.9
92	131	107	44	31	25
123	15	11	0	0	0
185	78	47	13	8.9	6.3
205	171	129	88	57	43
238	125	45	18	12	9.0
260	32	23	0.75	0.0	0.0
262	165	99	36	23	14
580	417	360	194	146	99
680	694	554	225	152	99
880	347	307	159	110	92
980	165	103	46	25	19

### NONCANCER CHRONIC HAZARD INDEX

NORTH OR SOUTH OF ALAMEDA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
13	0.078	0.0	0.0	0.0	0.0
24	0.39	0.17	0.0	0.0	0.0
61	0.095	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0
80	0.47	0.43	0.0	0.0	0.0
84	0.071	0.0	0.0	0.0	0.0
92	0.12	0.0	0.0	0.0	0.0
123	0.0	0.0	0.0	0.0	0.0
185	0.0	0.0	0.0	0.0	0.0
205	0.004	0.0	0.0	0.0	0.0
238	0.21	0.0	0.0	0.0	0.0
260	0.17	0.0	0.0	0.0	0.0
262	0.20	0.0041	0.0	0.0	0.0
580	0.50	0.42	0.0	0.0	0.0
680	0.78	0.57	0.21	0.0	0.0
880	0.58	0.41	0.0	0.0	0.0
980	0.25	0.027	0.0	0.0	0.0

EAST OR WEST OF ALAMEDA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Chronic Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
13	0.16	0.0	0.0	0.0	0.0
24	0.35	0.25	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0
80	0.47	0.43	0.017	0.0	0.0
84	0.099	0.0	0.0	0.0	0.0
92	0.35	0.25	0.0	0.0	0.0
123	0.0	0.0	0.0	0.0	0.0
185	0.0	0.0	0.0	0.0	0.0
205	0.14	0.0	0.0	0.0	0.0
238	0.17	0.0	0.0	0.0	0.0
260	0.0	0.0	0.0	0.0	0.0
262	0.24	0.065	0.0	0.0	0.0
580	0.50	0.42	0.0035	0.0	0.0
680	0.50	0.42	0.31	0.078	0.0
880	0.62	0.41	0.0	0.0	0.0
980	0.12	0.0	0.0	0.0	0.0

# Alameda County Screening Tables

## Cancer Risk and Noncancer Hazards Generated from Roadways

### NONCANCER ACUTE HAZARD INDEX

NORTH OR SOUTH OF ALAMEDA COUNTY HIGHWAY					
Highway	Distance North or South of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
13	0.11	0.0	0.0	0.0	0.0
24	0.54	0.24	0.0	0.0	0.0
61	0.13	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0
80	0.66	0.60	0.0	0.0	0.0
84	0.099	0.0	0.0	0.0	0.0
92	0.16	0.0	0.0	0.0	0.0
123	0.0	0.0	0.0	0.0	0.0
185	0.0	0.0	0.0	0.0	0.0
205	0.0055	0.0	0.0	0.0	0.0
238	0.29	0.0	0.0	0.0	0.0
260	0.24	0.0	0.0	0.0	0.0
262	0.27	0.0057	0.0	0.0	0.0
580	0.69	0.59	0.0	0.0	0.0
680	1.1	0.79	0.30	0.0	0.0
880	0.81	0.58	0.0	0.0	0.0
980	0.34	0.038	0.0	0.0	0.0

EAST OR WEST OF ALAMEDA COUNTY HIGHWAY					
Highway	Distance East or West of freeway - Acute 1 Hour Noncancer Hazard				
	100 feet	200 feet	500 feet	700 feet	1,000 feet
13	0.22	0.0	0.0	0.0	0.0
24	0.49	0.36	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0
80	0.66	0.60	0.024	0.0	0.0
84	0.14	0.0	0.0	0.0	0.0
92	0.49	0.35	0.0	0.0	0.0
123	0.0	0.0	0.0	0.0	0.0
185	0.0	0.0	0.0	0.0	0.0
205	0.19	0.0	0.0	0.0	0.0
238	0.23	0.0	0.0	0.0	0.0
260	0.0	0.0	0.0	0.0	0.0
262	0.34	0.091	0.0	0.0	0.0
580	0.69	0.59	0.0049	0.0	0.0
680	0.69	0.59	0.44	0.11	0.0
880	0.87	0.58	0.0	0.0	0.0
980	0.16	0.0	0.0	0.0	0.0

- Screening tables based on meteorological data collected from Oakland Sewage Treatment Plant in 2000 (Highways 13, 24, 61, 77, 80, 123, 185, 260, 880, and 980), Pleasanton in 2005 (Highways 580 and 680), Union City in 1996 (Highway 84, 92, 238, and 262), and Livermore Laboratory in 2005 (Highway 205).